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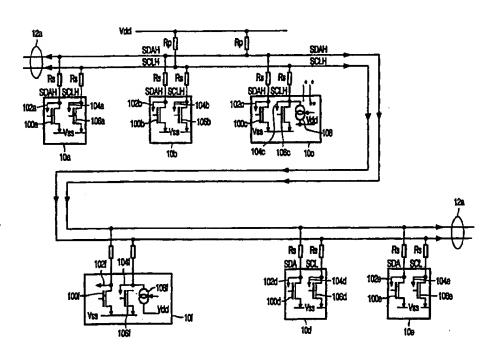
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Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments. Upon the request of the applicant, before the expiration of the time limit referred to in Article 21(2)(a).

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(54) Title: ELECTRONIC APPARATUS WITH A BUS



(57) Abstract

An electronic apparatus uses a bus conductor driven by a wired logic to arbitrate between stations. When arbitration is decided, the apparatus switches to a higher speed mode by supplying additional current to the bus conductor, so that the winning station pulls the potential on the bus conductor against a greater current and the potential rises faster when the station stops pulling the potential.

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### INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 98/02059

### A. CLASSIFICATION OF SUBJECT MATTER IPC6: H04L 25/02, H04L 12/40 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC6: H04L, G06F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched SE.DK.FI.NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPIL, EDOC, JAPIO C. DOCUMENTS CONSIDERED TO BE RELEVANT Category\* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Υ DE 3738800 A1 (PHILIPS PATENTVERWALTUNG GMBH), 1-9 24 May 1989 (24.05.89), column 2, line 3 - column 3, line 53, figure 1, claims 1-10 US 5559502 A (HERMAN SCHUTTE), 24 Sept 1996 Υ 1-9 (24.09.96), column 1, line 1 - column 2, line 63, claims 1-20 P,A Patent Abstracts of Japan, abstract of JP 1-9 11-31124 A (NEC COMMUN SYST LTD), 2 February 1999 (02.02.99)X Further documents are listed in the continuation of Box C. See patent family annex. later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" erlier document but published on or after the international filing date "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other step when the document is taken alone special reason (as specified) document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination heing obvious to a person skilled in the art document referring to an oral disclosure, use, exhibition or other document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 1 n -07- 1999 <u>8 July 1999</u> Name and mailing address of the ISA/ Authorized officer Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Erik Johannesson/mj Facsimile No. +46 8 666 02 86 Telephone No. +46 8 782 25 00

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Information on patent family members

01/06/99

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